

MAC Diving Tower Replacement -- No. 720702

Category	Culture and Recreation	Date Last Modified	January 10, 2008
Subcategory	Recreation	Required Adequate Public Facility	No
Administering Agency	Public Works & Transportation	Relocation Impact	None.
Planning Area	Rockville	Status	Preliminary Design Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	324	3	173	148	101	47	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1,517	0	692	825	340	485	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,841	3	865	973	441	532	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	1,841	3	865	973	441	532	0	0	0	0	0
Total	1,841	3	865	973	441	532	0	0	0	0	0

DESCRIPTION

The original two 1-meter dive stands, one 3-meter dive stand and 5, 7-1/2 & 10 meter dive platforms, all made of steel and concrete, are 16 years old. There are three dive platforms as well as a launch for the water flume. The dive stands and three platforms consist of steel pipe columns, tubes, and stringers. The tower and dive platforms receive support from the foundation footings. The horizontal platforms connect to the building superstructure along the north exterior wall of the diving pool. The steel structures of the dive stands and platforms are deteriorating due to corrosion and a consultant was hired to study the causes of corrosion, degree of deterioration and safety analysis.

COST CHANGE

Construction cost escalation.

JUSTIFICATION

Consultant's studies revealed that the existing design does not allow proper water drainage, which has created structural deterioration due to corrosion. The degree of corrosion is significant. The consultant strongly recommended replacement of (a) two 1-meter dive stands, rails and boards, (b) one 3-meter dive stand, rail and board, (c) 5, 7-1/2 & 10 meter dive platforms, (d) all piping, electrical components and pumps that are used to operate the water slide, (e) renovation of the water slide and (f) installation of a new communication system from the top of the slide to the splash down area for staff communication.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY07	(\$000)
First Cost Estimate	FY07	1,309
Current Scope		
Last FY's Cost Estimate		1,309
Appropriation Request	FY09	1,096
Appropriation Request Est.	FY10	25
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,309
Expenditures / Encumbrances		163
Unencumbered Balance		1,146
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

Department of Recreation
Department of Public Works and Transportation
Department of Permitting Services

MAP

